



Orient Energy Systems



SUCCESS STORIES

Driving Sustainability: OES & SLM Partner Again for 7 MW Solar Park

We are pleased to announce the successful signing of a 7 MW Solar Park Project at Servis Long March (SLM) Tires, a leading all steel radial truck & bus tire manufacturer and exporter in Pakistan.

This landmark agreement represents a significant step forward in our shared commitment to sustainable industrial growth and the transition to clean energy. The project will enable Service Industries Limited to significantly reduce its carbon footprint, lower energy costs, and enhance export potential through the integration of renewable power.

This repeat 7 MW project, following our successful 2 MW installation at SLM, underscores our commitment to quality, client satisfaction, and our capability to deliver reliable solutions while fostering lasting client relationships.

Key Features of the Solar Project:

- Annual Energy Output: ~10.5 million kWh
- CO₂ Emissions Reduction: ~7,350 tons annually — supporting a cleaner environment and climate action



Reliable Cooling at Scale: HVAC Project Delivered at Yunus Textile Mills

The supply, installation, and commissioning of high-efficiency HVAC equipment—engineered for reliable performance, optimised energy efficiency, and long-term operational value—are well-suited to the demands of large-scale industrial facilities.

Yunus Textile Mills Limited – Nooriabad Project was completed within the planned timeframe, demonstrating the effective coordination of our engineering team and reinforcing our position as a trusted leader in HVAC solutions.

The project included:

Dunham-Bush Water-Cooled High COP Centrifugal Chiller – 620 USRT

Dunham-Bush Water-Cooled High COP Screw Chiller – 470 USRT



ENERCAP: Beyond Conventional Energy Storage

THE FUTURE IS HERE

At OES, we've been delivering innovative and reliable energy solutions for over 30 years. In line with this legacy, we're proud to introduce Enercap—our advanced supercapacitor technology.

To commemorate this milestone, we hosted an exclusive event where clients explored the capabilities of ENERCAP through a live demonstration. The showcased system—a 150 kWh, 3C-rated unit—demonstrated its ability to deliver 150 kW for 60 minutes or 450 kW for 20 minutes, highlighting its exceptional reliability, rapid response, and energy efficiency.





Recycling Plant Success Story

We're thrilled to announce the successful revamp of a water recycling plant for Liberty Textile Mills Limited located in SITE Area Karachi! Our team expertly designed, supplied, installed, tested, and commissioned a state-of-the-art 700,000-gallon facility with an impressive 75% water recovery rate.

This achievement showcases our capabilities in delivering tailored water treatment solutions that maximize efficiency and minimize waste. The revamped plant not only reduces water consumption but also helps Liberty Textile Mills Limited achieve its sustainability goals.

Key highlights:

- 700,000-gallon capacity
 - 75% water recovery rate
 - Customized solution for textile industry needs
 - Expertise in water treatment and recycling.
- At OES, we're committed to providing innovative solutions for a water-scarce future. Let's work together towards a more sustainable tomorrow!



EVENTS, EXPO, & SYMPOSIUM

OES at Textile Asia 2025: Powering Innovation in the Textile Sector

Orient Energy Systems proudly participated in the Textile Asia 2025 Expo at Karachi Expo Center, Hall #6, from April 12–14, marking a successful presence across all three days.

The event witnessed exceptional footfall and continuous engagement, with our booth serving as a hub for insightful discussions, strategic networking, and knowledge-sharing sessions focused on sustainable energy solutions tailored for the textile industry.

Visitors experienced:

- ▶ Live demonstrations of our energy technologies
- ▶ Technical briefings on customized solutions
- ▶ One-on-one consultations with consultants, engineers, and institutional partners

Each day reinforced OES's commitment to industrial transformation through innovative, efficient, and future-ready energy systems. The enthusiastic response from decision-makers and stakeholders reaffirmed our role as a trusted energy partner for the textile sector.

We extend our sincere thanks to everyone who visited us and contributed to meaningful conversations. Textile Asia 2025 was not just an event—it was a step forward in our journey to build a more sustainable energy future.



The 30th Pakistan HVACR International Expo & Conference

Events like HVACR Expo provide a powerful platform for collaboration, where innovation meets opportunity. It was a pleasure to connect, share ideas, and explore new technologies together.

We're truly grateful to everyone who took the time to visit our booth and engage with our team. Let's continue moving forward—together—for the progress of our industry and the betterment of our nation.



OES Supports IEEP Karachi Center Symposium as Silver Sponsor

Recognizing the significance of this prestigious gathering, we proudly participated as a Silver Sponsor of the annual symposium organized by the Institute of Electrical and Electronics Engineers of Pakistan (IEEEP).

At OES, we deeply value platforms that foster innovation, drive collaboration, and accelerate technological progress. The event served as a vital forum for knowledge exchange, networking, and the presentation of emerging technologies shaping the future of engineering and industry.

We presented our expertise on Smart Microgrids & BESS: Building Blocks of the Autonomous Grid, followed by an engaging Q&A session. Attendees were given the opportunity to interact directly with OES experts and gain first-hand insights into our innovative energy solutions.



TRAINING AND DEVELOPMENT

Building a Safer Workplace: First Aid Training with FRIP

At OES, we recognize the importance of equipping our team with essential first aid skills. In collaboration with First Response Initiative of Pakistan Organization, a training session was recently conducted covering CPR, choking, heart attack response, and road accident management.

Such safety training not only prepares our employees to respond effectively in emergencies but also strengthens our commitment to holistic staff development—both technical and non-technical.



Advancing Facility Management with ISO 41001 Training

Orient Energy Systems Pvt. Ltd. recently hosted a comprehensive in-house ISO 41001 – Facility Management System training session, delivered by Intertek. This initiative supports our continued focus on operational efficiency, structured facility management, and sustainable practices aligned with international standards. The training emphasized a globally recognized framework that helps organizations streamline facility operations and adopt best-in-class management systems.

